QEMSCAN® CAPABILITIES

Cutting Edge Technology for Mineralogical Analysis


- Concentrate Contaminant Analysis
- Coal Analysis
- Fe–Ore Mineralogical Analysis
- QEMSCAN Can Also Be Utilised For Oil & Gas Particulate Analysis
- Automated Mineralogy
- Uncrushed Ore Texture Analysis
- Optimum Grind Size Estimates
- Mineral Liberation Studies
- Bench-Scale Testing Analysis
- Plant Audits
- Plant Optimisation
- Tailings Reclamation
- Specific / Trace Mineral Search
- Particle Analysis – Bright Phase Search
- Bulk Modal Analysis (BMA)
- Particle Mineralogical Analysis (PMA)
- FieldScan Analysis Method
- Grinding Circuit Optimisation

“...QEMSCAN® is a fully automated, non-destructive, micro-analysis system that provides rapid, statistically reliable and repeatable, mineralogical, petrographic and metallurgical data, from virtually any inorganic, and some organic, materials. It is used in the mining industry for mineral exploration, ore characterisation, and mineral process optimisation applications...”


Our Bureau Veritas-Amdel mineralogy team has over 20 years experience in the mining industry and more than 15 years experience in Automated Mineralogy technology. Our expertise in the usage of QEMSCAN technology allows us to tailor a solution to client’s specific needs.
WHY CHOOSE BUREAU VERITAS?

Recognition Founded in 1828, Bureau Veritas is a world leader specialising in conformity assessment services related to Quality, Health, Safety & Environment (QHSE). Certified to ISO 9001 for all of its activities globally, Bureau Veritas is well known for its ability to adapt to changing client environments and situations and for its commitment to providing leading solutions through quality service.

Knowledge & Expertise Through expert local teams and technical knowledge, Bureau Veritas are able to deliver packaged and targeted solutions and information, to support our clients’ unique business requirements.

Network With a vast global network operating in more than 140 countries, Bureau Veritas provides tailored solutions to clients throughout the world across a diverse range of industries.

State-of-the-art solutions to assist exploration.

Mineral Discovery
Chemical Assay
Ore Characterisation
– Evaluate exploration targets
– Characterisation of geometallurgical...

Rapid & accurate solutions to optimise & improve programmes.

Plant Design & Optimisation
- Know exactly what is entering your mill
- Analyse products from batch or pilot-scale...

Confidence & assurance in analysis, reliability & output.

Quality and Accuracy
- Metal recovery
- Analyse concentrator feeds and tailings
- Facilitate effective ore blending
- Avoid metallurgically poor ore stocks
- Concentrate analysis...

Exploration / Resource Definition / Mine Planning

Analysis & Production

Recovery / Distribution & Export

Contact

For details about this service, please contact Bureau Veritas - Mineral Laboratories
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For More Information

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